BRUHAT BANGALORE MAHANAGARA PALIKE

e Of Work:- Construction of R C C Drains 5th cross and 5th sub cross in Kalalanagar In Ward No.15 (SCP/TSP Works Block No 75)

EST Cost 12.68 Lakhs

Code :-

Description	Unit	No	Length	Width	Depth	Qty	Rate	Amount
ith work excavation by manual means for drains,canals and similar works in all kinds of soils as per drawing and technical specifications, including setting out, shoring, strutting, ricading, caution lights, re- moval of stumps and other deleterious matter, excavated rface lev- eled and sides neatly dressed disposing off the excavated stuff or sort- ing & cking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of bour, tools & other appurtenaces required to complete the work.In all kinds of soils Depth pto 1.5 m (PWD,CSR 2023-24. Vol -1, Pg No-5, I. No-1.4.1)								
or Drain Work	Cum	1	151.45	0.90	0.90	122.67		
Basic Rate	242.00					122.67	266.20	32655.00
Add 10% Area weightage	24.20							
Total	266.20							
oviding and laying in position plain cement concrete for levelling course for all works foundation. The granite/trap/basalt crushed graded coarse aggregates and fine ggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm ickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials quality, labour, Usage charges of machineries, curing, and all the other appurtenances quired to complete the work as per technical specifications. (The cost of steel reinforcement formwork shall be paid separately) Mix 1:3:6 Using 40 mm nominal size graded crushed arse aggregates(PWD,CSR 2023-24. Vol -1, Pg No-15, I. No-2.1.3)								
	Cum	1	151.45	0.90	0.15	20.45		
Basic Rate	5989.00					20.45	6587.90	134695.00
Add 10% Area weightage	598.90							
Total	6587.90							
oviding and laying in position Reinforced cement concrete for all Sub structures of ilding, Irrigation works, Sub structure works of bridges, Drain works & other parallel orks from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse gregates and fine aggregates as per relevant IS Codes machine mixed with super sticisers, laid in layers, well compacted using needle vibrators, providing weep holes herever necesary, including all lead & lifts, cost of all materials of quality, confirming to the quirements of relevant IS codes , labour, Usage charges of machinery, curing and all other purtenances required to complete the work as per technical specifications. (The cost steel reinforcement & formwork to be paid separately)M20 Design Mix Using 20 mm and wn size graded crushed coarse aggregates (PWD,CSR 2023-24. Vol -1, Pg No-16, I. No-2.4.2)								
ain Btm	Cum	1	151.45	0.90	0.15	20.45		
lls		2	151.45	0.15	0.60	27.26		
Basic Rate	6323.00					47.71	6955.30	331815.00
Add 10% Area weightage	632.30							
Total	6955.30							
pendix I – Additionalities for Formwork, Centering & Scaffolding oundation, Sub structure of Cross drainages 5%(PWD,CSR 2023-24. Vol -1, Pg No-111, S. No								

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Basic Rate	6323.00	Qty vide Item No 3				47.71	347.77	16591.00
Formwork, Centering & Scaffolding 5%	316.15							
Add 10% Area weightage	31.62							
	347.77							

ishing, fitting and placing TMT FE 550 / 550D Steel Reinforcement including cost of all terials, machinery, labour, cleaning, straightening, cutting, bending, hooking, laping/welding bits, tying with binding wire / soft annealed steel wire and other ancilary operations complete per drawing and technical specification (PWD,CSR 2023-24. Vol -1, Pg No-18, I. No-2.11.h) All her type of structures

M.T steel for reinforcement (45Kg/Cum)		1	47.71	45.00		2145.60		
	MT		tonne	2145.60	/1000=	2.15		
						2.15	86912.10	186479.00
Basic Rate	79011.00							
Add 10% Area weightage	7901.10							
Total	86912.10							

roviding and laying 100mm thick pre-cast cover slabs over Existing Drain using M20 concrete einforced slabs jointed in CM 1.3 proportion and nicely finished Including providing holes in he Cover slabs wherever necessary for easy drainage of surface water including: of labour, aterials, machinery,lead and lift charges etc, Complete.

	Sqm	1	151.45	0.90		136.31		
						136.31	2072.00	282424.00
Data Rate	2072.00							

oading and Unloading of Stone Boulder/ Stone aggregates/Sand/Kankar/Moorum. (Tipper 10 m3) complete as per directions of Engineer-in-charge.(PWD,CSR 2023-24. Vol -3, Pg No-5, I. No 1.1)

	Cum	Qty vide Item No 1				122.67		
Basic Rate	119.00					122.67	130.90	16058.00
Add 10% A.W	11.90							
Total	130.90							

Cost of Haulage Excluding Loading and Unloading Case-1 : Surfaced Road (Taking output 10 tonnes load and lead 10 km = 100 t.km) complete as per directions of Engineer-in-charge.(PWD,CSR 2023-24. Vol -3, Pg No-3, I. No-1.4A)

10 Km X 1.28t of item No 7	T/km	1	10.00	122.67	1.28	1570.18		
Basic Rate	12.00					1570.18	13.20	20726.00
Add 10% A.W	1.20							
Total	13.20							

SUB TOTAL	1021443.00
Add Tender Primium charges @ 5%	51072.15
GST 18%	193052.73
Micelleneous and rounding off	2432.12
TOTAL	1268000.00

icate

vorkspot was inspected and works is found to be necessary.
rea comes within the Bruhat Bangalore Mahanagara Palike limits.
ates adopted based on the PWD SR,Bangalore circle for year 2023-24

Assistant Engineer

Asst. Executive Engineer.

Executive Engineer

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ADMINISTRATIVELY SANCTIONED FOR
(Rupees Twelve lakhs Sixty Eight
Thousand only [12.68]
Under the Head of Account P-1878
SCP-TSP [24.10] P-1878
Registered as no EE(D.D.)/AS. 40 Subject
to conditions contained in Enclosed Memo
No: EE/DD/AS/40/2023-24, Dt: 06/02/2024

Exe. Engr.
(DASARAHALLI) DD

AE/AE.

Technically Sanctioned for Rs. 12.68 Lakhs.
Rs In words Twelve lakhs Sixty Eight
Thousand only
Under P-1878
SCP-TSP [24.10]
Job Code No
Registered as EE No: 19 [2023-24.
to conditions contained in Enclosed Memo
No: EE/DD/TS/19/2023-24, 06/02/2024

AE/JE

Exe. Engr.

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Note :- Drawing Not to Scale

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